(d) Yes, Sir. The Government of i India has taken up, *inter-alia* demonstration and public information programmes to create awareness of wind farmg and solar power technologies,. their utilization and advantages. Promotional measures including cost Sharing and tarrif arrangements, fiscal incentives, etc. are being introduced.

Pending Thermal Power Projects

1910. DR. - BAPU KALDATE; Will the Minister of ENERGY be pleased to state;

(a) whether it is a fact that a number of States have submitted plans for Thermal Power Projects for approval during the years 1984 and 1986;

(b) if so, what are the details thereof;

(c) which projects are pending as on 31st October, 1986, capacity wise and when these projects were submitted to Central Government by the Government of Maharashtra for approval; and

(d) what are the reasons for the delay in according approval to these projects?

THE'MINISTER OF STATE IN THE DEPARTMENT OF POWER IN THE MINISTRY OF ENERGY (SHRIMATI SUSHILA ROHATGI): (a) to (d) The information is being collected and will be laid on the Table of the House.

Production by Indian Petro-chemicals Corporation

1911. SHRI B. SATYANARAY&N REDDY; Will the Minister of INDUS TRY be pleased to state:

(a) whether the Indian Petroche-chemicalg Corporation limited has recently submitted any proposals to Government for the production in a phased manner of several new high-technology products; and

(b) if so, what are the products planned and what would be the additional capital cost of the expansion diversification?

THE MINISTER OF STATE IN THE DEPARTMENT OF CHEMICALS AND PETRO-CHEMICALS IN THE MINISTRY OF INDUSTRY (SHRI R. K JAICHANDRA SINGH); (a) and (b) Indian Petrochemicals Corpora tion Limited has submitted a proposal , to the Government for the setting Up of R&D Pilot Plant of 12 TPA capacity for the manufacture of Car bon Fibre and Associated Product Ap plication Development Centre. It is estimated that the capital cost of the project wil be around Rs. 23 crores. The carbon fibre will be used in the high technology areas like defence, space, aviation, automotive, etc, ^

Non-Conventional Energy sources

1812. SHRI SURESH PACHOURI: Will the Minister of ENERGY be pleased to state;

(a) whether non-conventional energy sources are proving boon to rural notmtation as reported in the Statesman of 28th October, 1986 and if so, what are the details of success of ongoing projects;

(b) what is the. percentage successP of improved chulla's and energy plantations and savings in terms of LPG and firewood;

(c) whether it is a fact that in India Bioeas plants are lagging behind in numbers and design as- compared to China; and

(d) if so, what are the Government's plans to improve the situation?

THE MINISTER OF ENERGY (SHRI VASANT SAHTE): (a) The Department of Non-Conventional Energy Source is implementing various programmes for utilisation of biomass, biogas, solar wind and other forms of non-conventional energy